



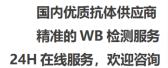
MACF1 rabbit pAb

| Catalog No | BYab-09324 | |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Isotype | IgG | |
| Reactivity | Human;Mouse;Rat | |
| Applications | WB | |
| Gene Name | MACF1 ABP620 ACF7 KIAA0465 KIAA1251 | |
| Protein Name | Microtubule-actin cross-linking factor 1, isoforms 1/2/3/5 (620 kDa actin-binding protein) (ABP620) (Actin cross-linking family protein 7) (Macrophin-1) (Trabeculin-alpha) | |
| Immunogen | Synthesized peptide derived from human MACF1 AA range: 5623-5673 | |
| Specificity | This antibody detects endogenous levels of human MACF1 | |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. | |
| Source | Polyclonal, Rabbit,IgG | |
| Purification | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. | |
| Dilution | WB 1:1000-2000 | |
| Concentration | 1 mg/ml | |
| Purity | ≥90% | |
| Storage Stability | -20°C/1 year | |
| Synonyms | | |
| Observed Band | | |
| Cell Pathway | [Isoform 2]: Cytoplasm, cytoskeleton. Cytoplasm. Golgi apparatus. Cell membrane. Cell projection, ruffle membrane. The phosphorylated form is found in the cytoplasm while the non-phosphorylated form associates with the microtubules (By similarity). Localizes to the tips of microtubules (PubMed:27693509). Associated with the minus-end of microtubules via interaction with CAMSAP3 (PubMed:27693509). APC controls its localization to the cell membrane which is critical for its function in microtubule stabilization (PubMed:20937854); [Isoform 1]: Cytoplasm. Golgi apparatus. Localizes to the tips of microtubules | |
| Tissue Specificity | Isoform 2: Ubiquitously expressed. Isoform 1: Expressed in cell lines NCI-H460, A-549 and HaCaT. Isoform 4: Expressed in heart, lung, pituitary and placenta, no found in brain, kidney, liver, pancreas or skeletal muscle. | |
| Function | | |

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| Background | | |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--|
| matters needing attention | Avoid repeated freezing and thawing! | |
| Usage suggestions | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. | |

| Products Images |
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